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Date: July 11, 2005

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To: Examiner Thomas C. Barrett
U.S. Patent and Trademark Office

Fax: (703) 872-9306 **Phone:**

From: Brad A. Schepers, Reg. No. 45,431 **Fax:** (317) 636-1507 **Phone:** (317) 636-4341

Subject: Response to Final Office Action for U.S. Patent Application Serial No. 10/617,309 to Mingyan Liu

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PTO/SB/21 (09-04)

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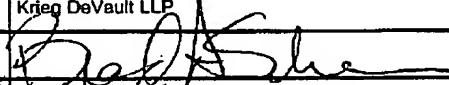
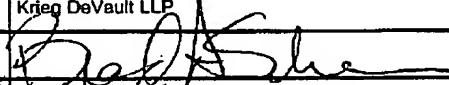
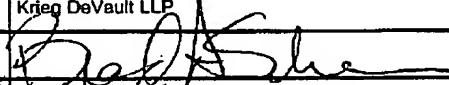
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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages In This Submission

Application Number	10/617,309
Filing Date	July 10, 2003
First Named Inventor	Mingyan Liu
Art Unit	3738
Examiner Name	Thomas C. Barrett
Attorney Docket Number	MSDI-201/PC273.19

ENCLOSURES (Check all that apply)																		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <input type="checkbox"/> Return Receipt Postcard																
Remarks																		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT <table border="1"> <tr> <td>Firm Name</td> <td colspan="3">Krieg DeVault LLP</td> </tr> <tr> <td>Signature</td> <td colspan="3"></td> </tr> <tr> <td>Printed name</td> <td colspan="3">Brad A. Schepers</td> </tr> <tr> <td>Date</td> <td>July 11, 2005</td> <td>Reg. No.</td> <td>45,431</td> </tr> </table>			Firm Name	Krieg DeVault LLP			Signature				Printed name	Brad A. Schepers			Date	July 11, 2005	Reg. No.	45,431
Firm Name	Krieg DeVault LLP																	
Signature																		
Printed name	Brad A. Schepers																	
Date	July 11, 2005	Reg. No.	45,431															

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Signature



Typed or printed name

Brad A. Schepers

Date July 11, 2005

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PTO/SB/17 (12-04v2)

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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). FEE TRANSMITTAL For FY 2005		Complete If Known	
		Application Number	10/617,309
		Filing Date	July 10, 2003
		First Named Inventor	Mingyan Liu
		Examiner Name	Thomas C. Barrett
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Art Unit	3738
TOTAL AMOUNT OF PAYMENT (\$)		120.00	
		Attorney Docket No. MSDI-201/PC273.19	

METHOD OF PAYMENT (check all that apply)

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 under 37 CFR 1.16 and 1.17

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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

<u>Application Type</u>	<u>FILING FEES</u>		<u>SEARCH FEES</u>		<u>EXAMINATION FEES</u>		<u>Fees Paid (\$)</u>
	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	
Utility	300	150	500	250	200	100	0.00
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>	
				<u>Fee (\$)</u>	<u>Fee (\$)</u>
3	- 20 or HP = 0	x	= 0.00	50	25
HP = highest number of total claims paid for, if greater than 20.				200	100

<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
1	- 3 or HP = 0	x	= 0.00

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 100 =	/ 50 =	(round up to a whole number)	x	=

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Request for Extension of Time (1 mo.)

Fees Paid (\$)

120.00

SUBMITTED BY			
Signature			Registration No. (Attorney/Agent) 45,431
Name (Print/Type)	Brad A. Schepers		Date July 11, 2005

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